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logo
NTDB id 210264 FAM21731 RS01175 WP 057910843.1  MAKTQELPLRNEVPEALTWDLTTVYASDEAFESDFSDVKAGAEKFAKLSGTIANNAAALLKATDDLMALSRKLEKVYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1       .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                       *****  * ! ***!  !!!!!!**!*!  *!***       !     !**   !  !! !!*  ! ! !*!!!*!!!!

logo
NTDB id 210264 FAM21731 RS01175 WP 057910843.1  QLKNDQDTSVDRYQAMYSRSEALAAQFGAATSWFEPELLKISDSKMQEFYQAEPKLTAYQRFFDQTFERRQHILENNVEA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1       SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                        *!!!!!!*!  !!    *   !  !   !  *!!!! * * ! !* !!   !! !  ! **!*     * !*! *  !

logo
NTDB id 210264 FAM21731 RS01175 WP 057910843.1  VLAGAGDIFSSGEKTFGILDNTDLSFPSVTDENGNQVKLSQGVYSILLESTNPAVRKEAFQKLYQVYRQFQHTLAATLTT  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1       LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                       *!!*!!!!!  *  !! *!!! !* !! !*! *!  ! !**! *  !*!!  * *!! !*  *!  ! !!!!! ! !!

logo
NTDB id 210264 FAM21731 RS01175 WP 057910843.1  NVKNHNFKANVRHYNSALEAALSENEVPTAVYDNLIQGVNRHLDLLHRYVALRKRILGLDELHMYDMYTSLVGKKSPKYT  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1       VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT  314
consensus                                        !! !!* ! !!!!!!! *!!!  ! *!  !!! !*  !!*!!*!!!!!* !!!**!!!!!!*!!!*!!*!    **  !

logo
NTDB id 210264 FAM21731 RS01175 WP 057910843.1  FEQSKAIALEALQVMGPDYVKHVHEAFDGRWIDVVENQFKRSGGYSSGTYDTNPFILLNWKDNLDNLYTLIHETGHSMHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1       YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                       *! !   ! ! ! * !**! !*!! !!  !!!!!**!  !!!!*!! ! !!!!*!*!!!! ! !!!!*!!*!!!!!!*!!

logo
NTDB id 210264 FAM21731 RS01175 WP 057910843.1  YYSHHNQPYQYGDYSIFVAEIASTTNENILTDYLLNKFKDDDEMKKFILNYYLDGFKGTVFRQTQFAEFEQFIHEQDAKG  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1       TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDK.TRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASG  473
consensus                                        **** !!! !!!!*!!*!!!!!!!!!!!!!* !!   !!! * *  !!!*!!!!!!!!!!!!!!!!!!!* !!! !! !

logo
NTDB id 210264 FAM21731 RS01175 WP 057910843.1  QPLTASFMDQAYRDLNAKYYGDAVISDDEISLEWARIPHFYYNFYVYQYATGFAAASTLADGIVNGGQENVDRYLTYLKS  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1       QILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKA  553
consensus                                       !*!!! !!   ! !!! !!!         !!  !! !!!!!! !*!!!!!!!!!!!!! !!* !!*!  !  * !!!!!!
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logo
NTDB id 210264 FAM21731 RS01175 WP 057910843.1  GSSDTPTNVMKKAGVDMTQPDYLEKAFIIFEERLNEFEALYEK.....  603
NTDB id 480 HSISS4 RS02090 WP 002890133.1       GSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS  601
consensus                                       !!!! !  !*!!!!!!!!**!!!* !! *!!*!! ! !!! !!*****
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X non conserved

X similar

X $\geq$ 50% conserved